

# INTERNATIONAL SEARCH REPORT

T/GB2004/003794

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F16D23/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 312 693 A (LEBOIME PIERRE) 24 December 1976 (1976-12-24)  claim 1; figures	1-6, 14-26, 34-39
A	US 2 314 042 A (VAUGHN HAIGH) 16 March 1943 (1943-03-16) figures	1,20
A	US 4 274 523 A (SIGG HANS) 23 June 1981 (1981-06-23) figures 4,5	1,20



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

7 December 2004

Date of mailing of the international search report

22/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Foulger, M

# INTERNATIONAL SEARCH REPORT

Information on patent family members

■T/GB2004/003794

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2312693	A	24-12-1976	FR 2312693 A1	24-12-1976
US 2314042	A	16-03-1943	NONE	
US 4274523	A	23-06-1981	CH 622322 A5	31-03-1981
			CA 1089678 A1	18-11-1980
			DE 2757739 A1	17-05-1979
			FR 2408760 A1	08-06-1979
			GB 2007782 A , B	23-05-1979
			IT 1110200 B	23-12-1985
			JP 1181712 C	09-12-1983
			JP 54105644 A	18-08-1979
			JP 58014945 B	23-03-1983
			NL 7811062 A , C	14-05-1979
			SE 438016 B	25-03-1985
			SE 7811463 A	11-05-1979